

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Douglas M. Baney, et al.

Serial No.:

Examiner:

Filing Date:

Group Art Unit:

Title: LOW POWER CONSUMPTION, BROAD NAVIGABILITY OPTICAL MOUSE

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 processing fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (*) were disclosed in Patent Application No. 10/439,674 filed 05-16-2003, now U. S. Patent No. _____, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

"Express Mail" label no. **EV256035227US**

Date of Deposit **10-30-2003**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

By John Pallivathukal

Typed Name: John Pallivathukal

Respectfully submitted,

Douglas M. Baney, et al.

By William B. Tiffany
William B. Tiffany

Attorney/Agent for Applicant(s)
Reg. No. **41,347**

Date: **10-30-2003**

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10030567-1

SERIAL NO.

APPLICANT

Douglas M. Baney, et al.

FILING DATE

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
	*	5,578,813	11-26-1996	Allen et al.
	*	5,644,139	07-01-1997	Allen et al.
	*	5,786,804	07-28-1998	Gordon
	*	6,281,882	08-28-2001	Gordon et al.
	*	6,433,780	08-13-2002	Gordon et al.
	*	6,442,725	08-27-2002	Schipke et al.

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

		Xie, Tong, "Interferometer Based Navigation Device," U.S. Patent Application Serial Number 10/439,674, filed 05-16-2003.
		"Method and Device for Optical Navigation," U.S. Patent Application Serial No. 10/630,169, filed 07-30-2003.
		"Method and Device for Optical Navigation," U.S. Patent Application Serial No. 10/680,525, filed 10-06-2003.

EXAMINER

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					YES	NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

*	Siegman, A.E., "Lasers," University Science Books, 1986, pp. 54-55.
*	Wyant, J.C., "White Light Extended Source Shearing Interferometer," Applied Optics, Vol. 13, No. 1, January 1974, pp. 200-202.
*	Malacara, D., "Optical Shop Testing," Wiley-Interscience, ISBN 0471522325, 2nd Ed., January 1992, Chapters 1-7.

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

		Barkas, W.W., "Analysis of Light Scattered from a Surface of Low Gloss into Its Specular and Diffuse Components," Proc. Phys. Soc., Vol. 51, (1939), pp. 274-295.

EXAMINER	DATE CONSIDERED
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